

Claims

1. An adhesive article comprising a pressure sensitive adhesive layer having a first surface and second surface and a lightweight paper adhered to the first surface.
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2. The article of claim 1 wherein the paper has a weight of less than about 150 grams per square meter.
3. The article of claim 1 wherein the paper has a weight of less than about 125
10 grams per square meter.
4. The article of claim 1 wherein the paper contains a major amount of non-wood fibers.
- 15 5. The article of claim 1 wherein the pressure sensitive adhesive layer comprises a rubber based adhesive, an acrylic adhesive, a vinyl ether adhesive, a silicone adhesive, or mixtures of two or more thereof.
6. The article of claim 1 wherein the pressure sensitive adhesive layer
20 comprises an acrylic pressure sensitive adhesive.
7. The article of claim 1 wherein the pressure sensitive adhesive layer has a coat weight up to about 50 grams per square meter.
- 25 8. The article of claim 1 wherein the pressure sensitive adhesive layer has a coat weight from about 5 to about 35 grams per square meter.
9. The article of claim 1 further comprising a release liner releasably adhered to the second surface of the pressure sensitive adhesive layer.

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10. The article of claim 1 wherein the release liner has a release value of from about 30 to about 90 grams per square meter.

11. An adhesive article comprising an acrylic pressure sensitive adhesive layer having a first surface and a second surface, and a light weight paper adhered to the first surface, wherein the paper has a weight of less than 100 grams per square meter.

12. The article of claim 11 wherein the paper contains a major amount of non-wood fibers.

13. The article of claim 11 wherein the pressure sensitive adhesive layer has a coat weight up to about 50 grams per square meter.

14. The article of claim 11 wherein the pressure sensitive adhesive layer has a coat weight of about 5 to about 35 grams per square meter.

15. The article of claim 11 further comprising a release liner releasably adhered to the second surface of the pressure sensitive adhesive layer.

16. The article of claim 15 wherein the release liner has a release value of about 30 to about 90 grams per square meter.

17. An adhesive article comprising:
a light weight paper layer having an upper surface and a lower surface;
a first adhesive layer having an upper surface and a lower surface wherein the upper surface of adhesive layer is adhered to the lower surface of light weight paper layer;
a polymeric film having an upper surface and a lower surface wherein the upper surface of polymeric film is adhered to the lower surface of the adhesive layer;
and

a second adhesive layer having an upper surface and a lower surface wherein the second adhesive comprises a pressure sensitive adhesive and the upper surface of second adhesive layer is adhered to the lower surface of polymeric film.

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18. The adhesive article of claim 17 wherein the paper has a weight of less than about 150 grams per square meter.

19. The adhesive article of claim 17 wherein the paper has a weight of less than
10 about 125 grams per square meter.

20. The adhesive article of claim 17 further comprising a release liner releasably adhered to the lower surface of the second adhesive layer.

15 21. A method of preparing an adhesive article comprising the steps of (A) providing a pressure sensitive adhesive layer having a first surface and a second surface and (B) laminating a light weight paper to the first surface of the pressure sensitive adhesive layer.

20 22. The method of claim 21 wherein the laminating step is carried out under a web guide tension of less than 15 pounds per square inch.

23. The method of claim 21 wherein the laminating step is carried out at a web guide tension of less than 10 pounds per square inch.

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24. The method of claim 21 wherein the paper has a weight of less than about 150 grams per square meter.

25. The method of claim 21 wherein the paper contains a major amount of non-
30 wood fibers.

26. The method of claim 21 wherein the pressure sensitive adhesive layer comprises a rubber based adhesive, an acrylic adhesive, a vinyl ether adhesive, a silicone adhesive, or mixtures of two or more thereof.

5 27. The method of claim 21 wherein the pressure sensitive adhesive layer comprises an acrylic pressure sensitive adhesive.

28. The method of claim 21 wherein the pressure sensitive adhesive layer has a coat weight up to about 50 grams per square meter.

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29. The method of claim 21 wherein the pressure sensitive adhesive layer is provided in a double sided tape having a first and second release liner adhered to each of the first and second surfaces of the pressure sensitive adhesive layer respectively, wherein the method further comprises the step of removing the first
15 release liner adhered to the first surface of the pressure sensitive adhesive layer prior to the laminating step.

30. A method of making an adhesive article comprising the steps of (a) providing a transfer tape comprising a pressure sensitive adhesive layer having a first surface
20 and a second surface and a first and second release liner releasably adhered to each of the first and second surfaces of the pressure sensitive adhesive layer respectively, (B) removing the first release liner adhered to the first surface of the pressure sensitive adhesive layer , and (C) laminating the first surface of the pressure sensitive adhesive layer to a paper having a weight of less than 150 grams
25 per square meter.

31. The method of claim 30 wherein the first release liner adhered to the first surface of the pressure sensitive adhesive layer has a release value of about 30 to about 90 pounds per square inch.

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32. The method of claim 30 wherein the second release liner adhered to the second surface of the pressure sensitive adhesive layer has a release value of about 5 to about 30 pounds per square inch.

5 33. The method of claim 30 wherein the paper has a weight of less than about 125 grams per square meter.

34. The method of claim 30 wherein the paper contains a major amount of non-wood fibers.

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35. The method of claim 30 wherein the pressure sensitive adhesive layer comprises a silicone-based, rubber-based, or acrylic-based adhesive.

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36. The method of claim 30 wherein the pressure sensitive adhesive layer comprises an acrylic pressure sensitive adhesive.

37. The method of claim 30 wherein the pressure sensitive adhesive layer has a coat weight up to about 50 grams per square meter.

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be understood that the invention disclosed herein is intended to cover such modifications as fall within the scope of the appended claims.